

Amendments to the Specification:

Please amend the specification as follows:

Please replace the paragraph starting at page 1, line 3, with the following rewritten paragraph:

The invention relates to a heat exchanger, in particular for a motor vehicle, ~~as described in the preamble of claim 1.~~

Please insert the following at page 2, line 26:

SUMMARY

Please delete the paragraph starting at page 2, line 30.

Please insert the following at page 6, line 28:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following at page 7, line 13:

DETAILED DESCRIPTION

Please replace the paragraph starting at page 7, line 24, with the following rewritten paragraph:

The exhaust gas which is to be cooled and comes from the engine (gaseous primary medium) is passed through the individual tubes 3; the direction of flow is indicated by two solid arrows in fig. 2. The housing 2 in which the tubes 3 are arranged comprises a U-shaped

first housing part 2' and a housing cover 2'' which is fitted onto the first housing part 2' from above. Two coolant connection pieces 5 are provided in the housing cover 2'' as inlet and outlet for the coolant (liquid secondary medium), the direction of flow of the coolant in co-current operation being represented by dashed arrows in fig. 2. Flow in counter-current mode is also possible, for which purpose the direction of flow is reversed. Since the coolant is passed through the housing 2 and around the tubes 3, the finned metal plates 4 are arranged on the coolant side. It is also possible for turbulators (winglets) to be provided in and/or on the tubes 3. A tube surface 3' (inner and/or outer) may also be structured so as to generate turbulence.